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Substitute for form PTO/SB/08A	Con	nplete if Known
INFORMATION DISCLOSURE	Application Number	10/693,135
STATEMENT BY APPLICANT	Filing Date	October 24, 2003
STATEMENT BY APPLICANT	First Named Inventor	Ernest C. Chen
	Art Unit	2611
	Examiner Name	PATEL, Jayanti K
Date: December 4, 2006		
Sheet 1 of 1	Attorney Docket Number	PD-201062

Examiner Initials*	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
		Number-Kind Code	· MM-DD-YYYY	The state of the s	or Relevant Figures Appear
EB		US-6,369,648	04-2002	Kirkman, George F.	
EB		US-6,477,398	11-2002	Mills, Randell L.	
EB		US-3,076,180	01-1963	Havens et al.	
					
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		FORE	IGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Petentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PAGE 4/4 * RCVD AT 12/4/2006 6:54:06 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-5/18 * DNIS:2738300 * CSID:3109640941 * DURATION (mm-ss):01-00

Substitute for form	PTO/SB/08A	Con	nplete if Known	_
INFORMATIO	N DISCLOSURE	Application Number	10/693,135	
STATEMENT	N DISCLOSURE BX APPLICANT	Filing Date	10-24-2003	
1	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	First Named Inventor	Ernest Chen	
1	OCT 2 3 2006 B	Art Unit	2611	
<u> </u>	<u>· </u>	Examiner Name	PATEL, Jayanti K.	
	*October 20 2006			
Sheet 1 of 1	TRADOUS	Attorney Docket Number	PD-201062	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-2002/006795	01-2002	Norin et al.	
EB		US-6,333,924	12-2001	Porcelli et al.	
EB		US-2001/012322	08-2001	Nagaoka et al.	
		•			

		FORE	EIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
FR		WO 2005/086444	09-2005	Thomson Licensing S.A.		
EB		WO 2005/074171	08-2005	Qualcomm Incorporated		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T
EB		THE AUTHORITIVE DICTIONARY OF IEEE STANDARDS TERMS; Seventh Edition, pp. 1047 – definition of "signal"	

Examiner Signature	1 /5	Date Considered	

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	form PTO/SB/08A	Con	nplete if Known
INFORMA	TION DISCLOSURE	Application Number	10/693,135
STATEME	NT BY APPLICANT	Filing Date	10-24-2003
STATEME	INI BI AFFLICANI	First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	September 13, 2006		
Sheet 1 of	1	Attorney Docket Number	PD-201062

· .	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-6,970,496	11-2005	Ben-Bassat et al.	
EB		US-2003/0002471	01-2003	Crawford et al.	
EB		US-2006/0056541	03-2006	Chen et al.	
EB		US-5,577,067	11-1996	Zimmerman	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T
ЕВ		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

Examiner Signature /Emmanuel Bayard/ (01/03/2007)	Date Considered	
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Substitute for form PTO/SB/08A	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/693,135	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	10-24-2003	
	First Named Inventor	Ernest C. Chen	
(JUL 3 1 2006)	Art Unit	2611	
	Examiner Name	BAYARD, Emmanuel	
Date Paperal July 19, 2006			
Sheet 1 of 4	Attorney Docket Number	PD-201062	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Ι	100 4 007 047	04.4007	[A a a l a l a l	
EB		US-4,637,017	01-1987	Assal et al.	
_		US-5,940,025	08-1999	Koehnke et al.	
		US-5,870,443	02-1999	Rahnema, Moe	
	ļ	US-2003/0138037	07-2003	Kaku et al.	
		US-2002/0158619	10-2002	Chen, Ernest C.	
		US-6,426,822	07-2002	Winter et al.	<u> </u>
	<u> </u>	US-2004/0110467	06-2004	Wang, Arthur W.	
	<u> </u>	US-6,535,801	03-2003	Geier et al.	
	ļ	US-6,325,332	12-2001	Cellier et al.	
		US-6,052,586	04-2000	Karabinis, Peter D.	
		US-5,995,832	11-1999	Mallinckrodt, Albert J.	
	•	US-6,741,662	05-2004	Francos et al.	
		US-2004/0146296	07-2004	Gerszberg et al.	
		US-5,648,955	07-1997	Jensen et al.	
		US-4,860,315	08-1989	Hosoda et al.	
		US-4,654,863	03-1987	Belfield et al.	
		US-5,229,765	07-1993	Gardner, Wallace R.	
		US-5,285,480	02-1994	Chennakeshu et al.	
		US-6,934,314	08-2005	Harles et al.	
		US-4,993,047	02-1991	Moffat et al.	
		US-5,111,155	05-1992	Keate et al.	
		US-6,307,435	10-2001	Nguyen et al.	
		US-5,970,098	10-1999	Herzberg, Hanan	
		US-6,249,180	06-2001	Maalej et al.	
		US-4,835,790	05-1989	Yoshida et al.	
\/		US-5,317,599	05-1994	Obata	
V		US-5,557,067	11-1996	Zimmerman	
EB		US-6,021,159	02-2000	Nakagawa	

Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	·

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INFORMATION DISCLOSURE	Application Number	10/693,135	
STATEMENT BY APPLICANT	Filing Date	10-24-2003	
OTATEMENT OF ALLEGANT	First Named Inventor	Ernest C. Chen	
	Art Unit	2611	
	Examiner Name	BAYARD, Emmanuel	
Date: July 19, 2006			
Sheet 2 of 4	Attorney Docket Number	PD-201062	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB	1	THE C 001 000	05.0000	Tout of ot	
ED	ļ	US-6,061,393	05-2000	Tsui et al.	<u> </u>
		US-5,963,845	10-1999	Floury et al.	
	ļ	US-6,272,679	08-2001	Norin, John L.	···
	<u> </u>	US-6,212,360	04-2001	Fleming et al.	
	ļ	US-6,188,717	02-2001	Kaiser et al.	
	<u> </u>	US-6,141,534	10-2000	Snell et al.	
		US-6,131,013	10-2000	Bergstrom et al.	
		US-6,084,919	07-2000	Kleider et al.	
	<u> </u>	US-4,896,369	01-1990	Adams et al.	
		US-6,892,068	04-2002	Karabinis et al.	
		US-5,848,060	12-1998	Dent	
		US-5,555,257	09-1996	Dent	
		US-5,642,358	06-1997	Dent	
		US-5,199,047	03-1993	Koch, Wolfgang	
		US-5,088,110	02-1992	Bonnerot et al.	
		US-4,847,864	07-1989	Cupo, Robert L.	
		US-4,709,374	11-1987	Farrow, Cecil W.	
		US-4,594,725	06-1986	Desperben et al.	
		US-4,519,084	05-1985	Langseth, Rollin E.	
		US-4,416,015	11-1983	Gitlin, Richard D.	
		US-4,384,355	05-1983	Werner, Jean-Jacques	
		US-4,213,095	07-1980	Falconer, David D.	
		US-RE 31,351	08-1983	Falconer, David D.	
		US-6,429,740	08-2002	Nguyen et al.	
		US-6,166,601	12-2000	Shalom et al.	
\/		US-5,966,048	10-1999	Thompson	
V -		US-5,606,286	02-1997	Bains	
EB		US-5,221,908	06-1993	Katz et al.	

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Signatur	Emmanuel Bayard/ (01/03/2007)	Considered	
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INFORMATION DISCLOSURE	Application Number	10/693,135	
STATEMENT BY APPLICANT	Filing Date	10-24-2003	
OTATEMENT DI ALI EIGANT	First Named Inventor	Ernest C. Chen	
	Art Unit	2611	
	Examiner Name	BAYARD, Emmanuel	
Date: July 19, 2006			
Sheet 3 of 4	Attorney Docket Number	PD-201062	

			U.S. PATENT DO	DCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-4,918,708	04-1990	Pottinger et al.	
1		US-4,878,030	10-1989	Vincze	
		US-4,670,789	06-1987	Plume	
		US-4,647,873	03-1987	Beckner et al.	
		US-4,628,507	12-1986	Otani	
		US-4,500,984	02-1985	Shimbo et al.	
		US-4,283,684	08-1981	Satoh	
		US-4,068,186	01-1978	Sato et al.	
		US-2001/0024479	09-2001	Samarasooriya	-
		US-5,732,113	03-1998	Schmidl et al.	
		US-5,793,818	08-1998	Claydon et al.	
		US-5,828,710	10-1998	Beale	
1/		US-6,018,556	01-2000	Janesch et al.	
Ψ		US-6,128,357	10-2000	Lu et al.	
EB		US-6,411,659	06-2002	Liu et al.	

Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	
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Substitute for form PTO/SB/08A	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/693,135	
STATEMENT BY APPLICANT	Filing Date	10-24-2003	
OTATEMENT OF ALL CIOANT	First Named Inventor	Ernest C. Chen	
	Art Unit	2611	
	Examiner Name	BAYARD, Emmanuel	
Date: July 19, 2006			
Sheet 4 of 4	Attorney Docket Number	PD-201062	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

		FOR	EIGN PATENT I	DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
EB		FR 2696295	04-1994	Jaspal, Singh Bharj		
		EP 0222076	08-1986	Ketterling et al.		
		JP 07-038615	02-1995	Yasushi, Sogabe		
		DE 3642213	12-1986	Lopau et al.		
		JP 5-252084	09-1993	Takenaka et al.		
		JP 5-114878	05-1993	Kazama et al.		
		JP 5-41683	02-1993	Matsudo et al.		
		JP 2-95033	04-1990	Yamamoto, Yoshihiko		
V		JP 2-5631	01-1990	Oda, Hirobumi		
EB		JP 03139027	06-1991	Nippon Telegraph and Telephone Corporation		

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	T			
EB		WOLCOTT, TED J. ET AL.; "Uplink-Noise Limited Satellite Channels"; IEEE 1995; pages 717-721; XP-00580915				
BB		SESKAR, IVAN ET AL.; "Implementation Aspects for Successive Interface Cancellation in DS/CDMA Systems"; Wireless Networks; 1998; pages 447-452				
EB		Earth Station Technology; 1986; pages 404-412; XP-002248387				

Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	
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Substitute for forma TO/SB/08A	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/693,135	
STATEMENT BY APPLICANT	371(c) Filing Date	October 24, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Ernest C. Chen	
	Art Unit	2631	
	Examiner Name	GHAYOUR, Mohammad H.	
Date: March 13 2006	·		
Sheet 1 of 1	Attorney Docket Number	PD-201062	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
EB		US-6,731,700	05-2004	Yakhnich et al.		
		US-6,411,797	06-2002	Estinto, Eugene		
71		US-2002/0071506	06-2002	Lindquist et al.		
		US-5,603,084	02-1997	Henry et al.		
		US-6,389,002	05-2002	Schilling, Donald L.		
		US-6,178,158	01-2001	Suzuki et al.		
		US-2005/008100	01-2005	Chen, Ernest C.		
		US-2002/176516	11-2002	Jeske et al.		
		US-6,304,594	10-2001	Salinger, Sheldon N.		
		US-5,493,307	02-1996	Tsujimoto, Ichiro		
		US-5,956,373	09-1999	Goldston et al.		
		US-6,535,497	03-2003	Raith, Alex Krister		
		US-6,515,713	02-2003	Nam, Ho Jun		
		US-6,320,919	11-2001	Khyrallah et al.		
		US-3,974,449	08-1976	Falconer, David Duncan		
		US-3,879,664	04-1975	Monsen, Peter		
		US-4,253,184	02-1981	Gitlin et al.		
		US-5,233,632	08-1993	Baum et al.	<u> </u>	
		US-6,775,521	08-2004	Chen, Yue		
EB		US-3,878,468	04-1975	Falconer et al.		

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ť
ÈB	<u> </u>	WO 99/20001	04-1999	Silberger et al.		

Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	

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Substitute for form PTO/SB/08B	K) Con	nplete if Known
INFORMATION DISCLOSURE	Application Number	10/693,135
STATEMENT BY APPLICANT	Filing Date	October 24, 2003
STATEMENT DI AFFEIDANT	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	GHAYOUR, Mohammad H.
Date: March 13, 2006		
Sheet 1 of 1	Attorney Docket Number	PD-201062

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EB		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 212-213 and 217-218; XP002364874				
EB		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 610-612; XP002364876				
EB		FANT, T. et al.; "Fourth-Power Law Clock Recovery with Prefiltering"; Proceedings of the International Conference on Communications (ICC); Geneva; May 23-26, 1993; New York; IEEE; US; Vol. 3; 23 May 1993; pages 811-815 XP010137089, ISBN: 0-7803-0950-2; Section I, Introduction				

Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Com	plete if Known
	Application Number	10/693,135
INFORMATION DISCLOSURE	Filing Date	October 24, 2003
STATEMENT BY APPLICANT	First Named Inventor	Ernest C. Chen
(Use as many sheets as necessary)	Art Unit	2631
	Examiner Name	Mohammed H. Ghayour
Sheet 1 of 1	Attorney Docket Number	PD-201062

	U.S. PATENT DOCUMENTS					
Examiner initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
BB		US-5,581,229	12-3-1996	Hunt, Paul C.		
EB		US-6,008,692	12-28-1999	Escartin, Marko	,	
EB		US-6,125,148	09-26-2000	Frodigh et al.		
EB		US-6,366,309	04-02-2002	Siegle, Gert		
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Substitute for form 1449/PTO	Con	nplete if Known
	Application Number	10/693,135
INFORMATION DISCLOSURE	Filing Date	October 24, 2003
STATEMENT BY APPLICANT	First Named Inventor	Ernest C. Chen
(Use as many sheets as necessary)	Art Unit	2631
	Examiner Name	Mohammed H. Ghayour
Sheet 1 of 3	Attorney Docket Number	PD-201062

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
EB	l	US-6,718,184	04-2004	Aiken et al.		
<u> </u>		US-5,819,157	10-1998	Ben-Efraim et al.		
		US-5,999,793	12-1999	Ben-Efraim et al.		
		US-6,297,691	10-2001	Anderson et al.		
		US-6,501,804	12-2002	Dietmar et al.		
	<u> </u>	US-6,745,050	06-2004	Forsythe et al.		
	 	US-6,718,184	04-2004	Aiken et al.		
		US-5,625,640	04-1997	Palmer et al.	<u> </u>	
		US-6,597,750	07-2003	Knutson et al.		
	1	US-6,433,835	08-2002	Hartson et al.		
-	 	US-4,800,573	01-1989	Cupo, Robert L.		
		US-6,266,534	07-2001	Raith et al.		
		US-5,467,197	11-1995	Hoff, Don G.		
	 	US-6,574,235	06-2003	Arslan et al.		
$ \wedge$		US-5,430,770	07-1995	Abbey		
. EB	 	US-5,966,412	10-1999	Ramaswamy		

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T.
EB		EP 0929164	07-1999	Societe Europeene des Satellites		
EB		WO 02/073817	09-2002	Nokia Corporation		
EB		EP 0356096	02-1990	Meyers		<u> </u>
EB	1	EP 0238822	09-1987	NEC Corporation		<u> </u>

				
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١	Signature	/Emmanuel Bayard/ (01/03/2007)	305.30104	<u>.</u>
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	Mohammed H. Ghayour
	PD-201062
	Application Number Filing Date

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
EB		US-5,329,311	07-1994	Ward et al.	
		US-5,450,623	09-1995	Yokoyama et al.	
		US-5,966,186	10-1999	Shigihara et al.	
	 	US-6,028,894	02-2000	Oishi et al.	
		US-6,032,026	02-2000	Seki et al.	
		US-6,034,952	03-2000	Dohi et al.	
		US-6,108,374	08-2000	Balachandran et al.	
	 	US-6,140,809	10-2000	Doi	
	-	US-6,219,095	04-2001	Zhang et al.	
	 	US-4,039,961	08-1977	Ishio et al.	
	 	US-6,275,678	08-2001	Bethscheider et al.	
		US-3,383,598	05-1968	Sanders	
	 	US-5,577,087	11-1996	Furuya	
	†	US-5,602,868	02-1997	Wilson	
		US-5,815,531	09-1998	Dent	
		US-5,960,040	09-1999	Cai et al.	
		US-6,987,068	11-1999	Cassia et al.	
		US-5,579,344	11-1996	Namekata, Minoru	<u></u>
		US-5,121,414	06-1992	Levine et al.	
		US-6,144,708	11-2000	Maruyama, Hidenori	
$\neg \Psi$	T "	US-6,055,278	04-2000	Ho et al.	
RB.	 	US-6,330,336	12-2001	Kasama, Minoru	

Examiner Signature	/Emmanuel Bayard/ (01/03/2007)	Date Considered	
·		<u> </u>	

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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/693,135	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	October 24, 2003	
(Use as many sheets as necessary)	First Named Inventor	Ernest C. Chen	
(Use as many sheets as necessary)	Art Unit	2631	
	Examiner Name	Mohammed H. Ghayour	
Sheet 3 of 3	Attorney Docket Number	PD-201062	

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	Т		
EB,		JANSSEN, G.J.M; SLIMANE, S.B.: "Performance of a Multiuser Detector for M-PSK Signals Based on Successive Cancellation", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinky, Finland, June 11-14, 2001, XP010552960	·		
		SLIMANE, S.B.; JANSSEN, G.J.M.: "Power Optimization of M-PSK Cochannel Signals for a Narrowband Multiuser Detector", 2001 IEEE Pacific Rim Conference on Communications, Computer and Signal Processing, Victoria, B.C., Canada, August 26-28, 2001, XP010560334	·		
		SOONG, A.C.K.; KRZYMIEN, W.A.: "Performance of a Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver in a Multicell CDMA Wireless System", Conference Record, Communication Theory Mini-Conference GlobeCom '95, IEEE Singapore 13-17 November 1995, XP010159490			
		ARSLAN, H; MOLNAR, K: "Iterative Co-channel Interference Cancellation in Narrowband Mobile Radio Systems", Emerging Technologies Symposium: Broadband, Wireless Internet Access, 2000 IEEE April 10-11, 2000, Piscataway, New Jersey, US, XP010538900			
		MAZZINI, GIANLUCA: "Power Division Multiple Access", Universal Personal Communications, 1998, ICUPC 1998, IEEE 1998, International Conference on Florence, Italy, 5-9 October 1998, New York, NY, US, IEEE, US 5 October 1998 (1998 10-5), pages 543-546, XP010314962 ISBN: 0-7803-5106-1			
\bigvee		SALEH, A.A.M. et al.: "Adaptive Linearization of Power Amplifiers in Digital Radio Systems", Bell System Technical Journal, American Telephone and Telegraph Co., New York, US, Vol. 62, No. 4, Part 1, 1 April 1983 (1983-04-01), pages 1019-1033, XP002028354			
EB		RAMCHANDRAN, KANNAN et al.: "Multiresolution Broadcast for Digital HDTV Using Joint Source/Channel Coding, IEEE, Vol. 11, No. 1, January 1993, pp. 6-22			

xaminer	Date Considered
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